



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/731,623	12/07/2000	Debora Rinkevich	AUS9-2000-0706-US1	1062
7590	07/26/2005		EXAMINER	
Kelly K. Kordzik Suite 800 100 Congress Avenue Austin, TX 78701			CHAI, LONGBIT	
			ART UNIT	PAPER NUMBER
			2131	

DATE MAILED: 07/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/731,623

Applicant(s)

RINKEVICH ET AL.

Examiner

Longbit Chai

Art Unit

2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 June 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) _____ is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 December 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- 1) ☐ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

1. No claim for priority has been made in this application.

The effective filing date for the subject matter defined in the pending claims in this application is 12/07/2000.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claim 1 – 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Savill (Where can I find a Unix su like utility?) and in view of Wu (U.S. Patent Number 5,774,551), hereinafter referred to as Wu.

As per claims 1, 9 and 17, Savill discloses an authentication method, product and system comprising:

generating a first security context in response to a first user authentication (Savill: Page 1 Line 2: the low privileged account is interpreted as the 1st security context),

Art Unit: 2131

generating a second security context in response to a second user authentication (Savill: Page 1 Line 3: the higher privileged account related to system administrative work is interpreted as the 2nd security context);

However, Savil does not disclose expressly said second security context aggregates said first security context and a security context corresponding to an identity in said second user authentication.

Wu teaches said second security context aggregates said first security context and a security context corresponding to an identity in said second user authentication (Wu: Column 6 Line 65 Column 7 Line 1: stacking multiple authentication services as taught by Wu is interpreted as aggregating first security context into the second security context).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teaching of Wu within the system of Savil because (a) Savil discloses the needs of multiple login due to different type of works associated with the same personnel, and (b) Wu teaches providing a simplified login embodiment using automatic multi-login (i.e. unified logon) so that the same personnel need not manually login multiple times for different types of works, which is substantially improves in the ease of use of otherwise complex computer security systems (Wu: Column 3 Line 56 – 57 and Column 4 Line 25 – 28).

Art Unit: 2131

As per claims 2, 10, and 18, Savil as modified teaches the claimed invention as described above (see claim 1, 9 and 17, respectively). Wu further teaches: saving said first security context (Wu: Column 3 Line 56 – 57).

As per claims 3, 11, and 19, Savil as modified teaches the claimed invention as described above (see claim 2, 10 and 18, respectively). Wu further teaches: saving said first security context comprises the step of pushing said first security context on a stack (Wu: Column 6 Line 64 – 67 and Column 7 Line 1 – 4).

As per claims 4, 12, and 20, Savil as modified teaches the claimed invention as described above (see claim 1, 9 and 17, respectively). Savil further teaches: receiving a user logoff (Savil: Page 1 Line 4).

As per claims 5, 13, and 21, Savil as modified teaches the claimed invention as described above (see claim 4, 12 and 20, respectively). Wu further teaches: destroying said second security context in response to said step of receiving said user logoff (Wu: Column 19 Line 60 – 64).

As per claims 6, 14 and 22, Savil as modified teaches the claimed invention as described above (see claim 2, 10 and 18, respectively). Savill teaches reverting to said first security context in response to a user logoff (Savill: Line 1 – 5: Savil teaches allowing the user to just temporarily start the higher privileged account related to system

Art Unit: 2131

administrative work so that the user can avoid closing all open application at logoff – i.e. Examiner notes the low privileged account is still active upon the logoff of temporary higher privileged account related to system administrative work, which is also widely used in the field in UNIX systems).

As per claims 7, 15 and 23, Savil as modified teaches the claimed invention as described above (see claim 6, 14 and 22, respectively). Savill as modified further teaches reverting to said first security context comprises the step of popping said first security context off of a stack (Savill: Page 1 Line 4; Wu: Column 6 Line 65).

As per claims 8, 16, and 24, Savil as modified teaches the claimed invention as described above (see claim 1, 9 and 17, respectively). Wu further teaches: determining an access permission in response to said second security context (Wu: Column 3 Line 11 – 14 and Column 6 Line 17 – 22. TABLE 1, Column 17 Line 40 – 44, Column 10 Line 33 – 35 and Column 19, Line 54 – 56).

Art Unit: 2131

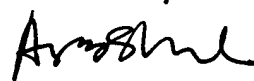
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Longbit Chai whose telephone number is 703-305-0710. The examiner can normally be reached on Monday-Friday 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R Sheikh can be reached on 703-305-9648. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LBC 

Longbit Chai
Examiner
Art Unit 2131


AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100